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SEQUENCE LISTING

<110> METHEXIS NV

<120> SEQUENCING BY A COMBINATION OF MONONUCLEOTIDE-SPECIFIC
DIGESTION AND MASS SPECTROMETRY

<130> 29314/35410A

<140>

<141>

<150> 60/131,984

<151> 1999-04-30

<160> 30

<170> PatentIn Ver. 2.1

<210> 1

<211> 120

<212> DNA

<213> Homo sapiens

<220>

<223> exon 5 of human p53

<400> 1

tactccctg ccctcaacaa gatgtttgc caactggcca agacctgccc tgtcagctg 60
tgggttattt ccacaccccc gcccggacc cgcgtccgcg ccatggccat ctacaaggcag 120

<210> 2

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

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<223> pGEM3-Zf(+) derived nucleotide

<400> 2

gtaaaacgac ggccagtgaa ttgtataacg actcactata

40

<210> 3

<211> 972

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic

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<223> pGEM3-Zf(+) derived nucleotide

<400> 3

ggcgaaattc gagctcggtt cccggggatc ctctagatgc gacctgcagg catgcaagct 60
tgagtattct atagtgtcac ctaaatatgc tggcgtaatc atggatcatag ctgtttcttg 120
tgtgaaattt ttatccgctc acaattccac acaacatacg agccgaaagc ataaaatgtt 180

- 2 -

aaggcctgggg tgcctaatga gtgagctaac tcacattaat tgcgttgcgc tcactgccc 240
 cttccagtc gggaaacctg tcgtgccagc tgcatattaat aatcgccaa cgccgcgggga 300
 gaggcggtt gcgtattggg cgctcttcg ctccctcgct cactgactcg ctgcgctcg 360
 tcgttcggct gccccgagcg gtatcagctc actcaaaggc ggtatatacg 420
 aatcagggga taacgcagga aagaacatgt gagcaaaagg ccagcaaaag gccaggaacc 480
 gtaaaaaggc cgcgttgcgt gcgttttcc ataggctcc ccccccgtac gacatcaca 540
 aaaatcgacg ctcaagttagt aggtggcgaa acccgacagg actataaaaga taccaggcg 600
 ttcccccctgg aagctccctc gtgcgctctc ctgttccgac cctgcccgtt accggataacc 660
 tgcgcgcctt tctcccttcg ggaagcgtgg cgcttctca tagctcacgc tgttaggtatc 720
 tcagttcggt gttagtcgtt cgctccaagc tggctgtgt gcacgaaccc cccgttcagc 780
 ccgaccgcgtg cgccttatacc ggttaactatc gtcttgagtc caaccggta agacacgact 840
 tatacgccact ggcagcagcc actggtaaca ggattagcag agcgaggtat gttaggcgtg 900
 ctacagagtt cttaaagtgg tggcttaact acggctacac tagaagaaca gtatggta 960
 tctgcgtct gc 972

<210> 4
 <211> 131
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: synthetic

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<400> 4
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 accccacacaa atacaacaac tacgaagggtt ttgatttctc tgtgagctct ccctactacg 120
 aatggcctat c 131

<210> 5
 <211> 134
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR products and transcripts

<220>
 <223> Description of Artificial Sequence: synthetic

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 ttcgttagttg ttgtatgtt gtggtaaga attggatcca acagttcac cgtttcggt 120
 aagtttatat ccgg 134

<210> 6
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 <212> DNA
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<220>
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<210> 7
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<210> 8
<211> 45
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<210> 9
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<210> 10
<211> 45
<212> DNA
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<220>
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<223> mutant 4

<400> 10
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<210> 11
<211> 45

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<212> DNA
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<220>
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<400> 11
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45

<210> 12
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<212> DNA
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<220>
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<210> 13
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<210> 15
<211> 13
<212> DNA
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<220>
<223> Description of Artificial Sequence: synthetic

<400> 15
ctagcccccg atc

13

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<210> 16
<211> 25
<212> DNA
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<220>
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<400> 16
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25

<210> 17
<211> 26
<212> DNA
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<400> 17
gataggccat tcgttagtagg gagagc

26

<210> 18
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<400> 18
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<211> 41
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<210> 20
<211> 35
<212> DNA
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<220>
<223> reference fragment

<400> 20
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<210> 21
<211> 15
<212> RNA
<213> Artificial Sequence

<220>
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<400> 21
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15

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<211> 10
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: synthetic

<400> 22
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10

<210> 23
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<212> DNA
<213> Artificial Sequence

<220>
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10

<210> 24
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<212> DNA
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<220>
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<400> 24
gaagggtttg atttc 15

<210> 25
<211> 12
<212> DNA
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<220>
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<212> DNA
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<400> 27
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<210> 28
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<212> DNA
<213> Artificial Sequence

<220>
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<400> 28
gttagtaggga gagc 14

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<210> 29
<211> 10
<212> DNA
<213> Artificial Sequence
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<220>
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<220>
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10

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<210> 30
<211> 11
<212> DNA
<213> Artificial Sequence
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<220>
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<220>
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<400> 30
cacagagaaa t

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